



ProDIGIT - DIGITAL SOLUTIONS FOR SORTING PLANTS



WE GET THE BEST OUT

ProDIGIT SOFTWARE REVOLUTIONISES WASTE HANDLING

THE ProDIGIT OPERATING SOFTWARE OPTIMISES SORTING AND TREATMENT FACILITIES FOR THE RECYCLING SECTOR.

The ProDIGIT software developed by SUTCO® offers material flow-optimized waste treatment to the operators of sorting facilities, significantly increasing the efficiency of their various plant components.

OUR PROCESS

The software uses data from material detection and process parameters. Data from Sutco® bunker management are used in addition. This ensures predictive bunker discharge, avoiding the occurrence of unwanted simultaneities here. Sorting plant shutdowns are prevented and availability and throughput markedly increased. This is made possible using simulation and intelligent prioritization.

YOUR ADVANTAGES

The simulation also ensures that, in the bunkers, the material quantity needed for consistent bale production is drawn at the right point into the bale press. The result is bales each of the desired weight and length – half bales are a thing of the past.

Thanks to intelligent prioritization, the energy consumption of the bunker press system is optimized, fuel is saved and machine technology conserved. This leads to lower maintenance and repair costs.

Using the dashboard provided, the operator can view the various process parameters at any time. The determination of these operating data ensures high transparency, with the aid of which plans can be drawn up and tracked in the fields of quantities, energy, personnel and logistics.

OUR SUMMARY

The increased level of automation in the waste sorting process allowed by the new ProDIGIT software improves the plant's efficiency and increases throughput, all while achieving the best possible output quality results.

The Sutco® ProDIGIT software is already being used successfully in plants and is constantly being further developed by Sutco's internal R&D department. Features for the best possible operational support, such as the function to determine optimal maintenance intervals that are adapted to the actual level of wear, are currently being developed.



ProDIGIT - SUTCO'S DIGITAL SOLUTION FOR WASTE TREATMENT FACILITIES

FOUR BUILDING BLOCKS FOR CLEVER DIGITALISATION IN YOUR WASTE TREATMENT PLAN

With the digital ProDIGIT solution, Sutco RecyclingTechnik GmbH is revolutionising the waste treatment sector. The software increases the efficiency of waste sorting and treatment facilities and makes them much more efficient, aiding the

increase in waste and scrap material recycling so desired economically and politically.

With the aid of **FOUR BUILDING BLOCKS**, the operators of sorting and treatment facilities can automate their technology step by step.

1. BUILDING BLOCK: SUTCO BUNKER MANAGEMENT
Automated and digitalised bunker discharge for the production of optimised material bales

- Minimum energy expenditure
- Consideration of the various bunker filling speeds
- Avoidance of accidents
- Bunkers discharged with integer bale volumes

3. BUILDING BLOCK: UP-TO-DATE WEIGHT READINGS
Complete weekly, daily or hourly weight readings

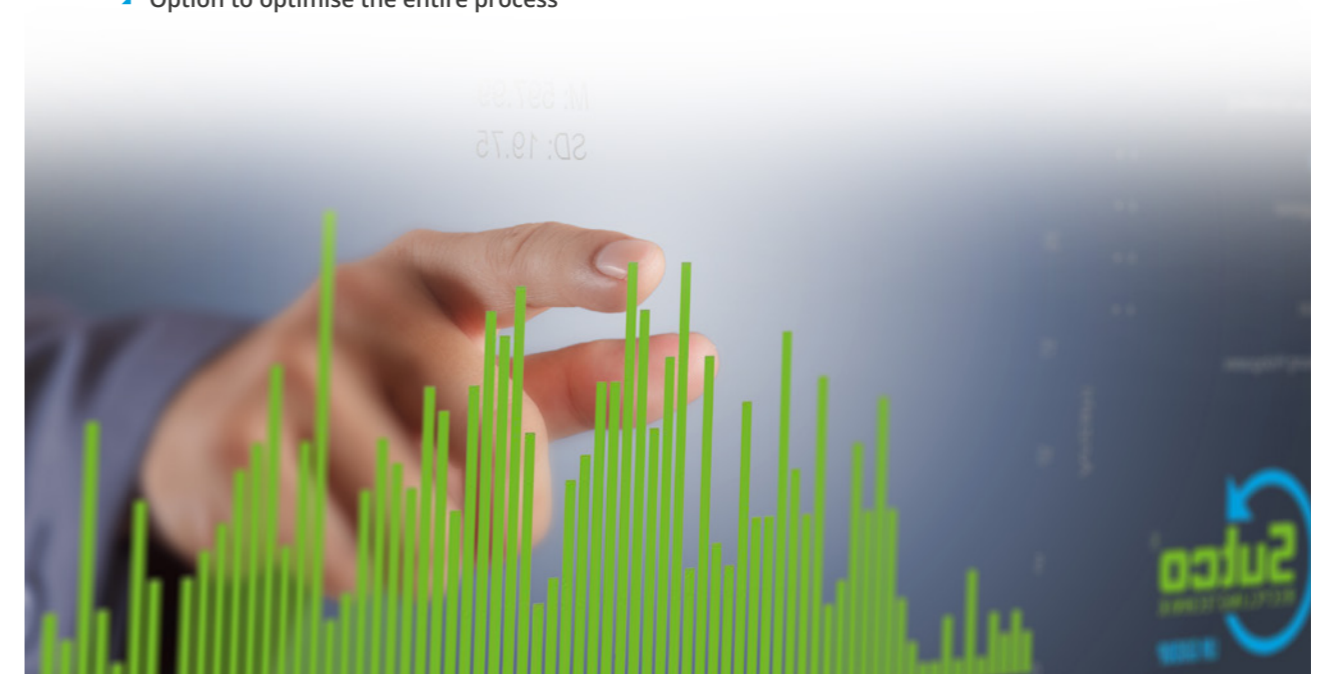
- Material-dependent quantity determination
- Continuous recording of input and output quantities
- Online readout of input and output quantities
- Output data divided into material types, residues and similar

2. BUILDING BLOCK: OPTIMISED THROUGHPUT
Throughput optimisation in waste sorting plants while retaining the same high product quality.

- High purity in the output products
- Intelligent measurement technology in the sorting plant
- Smart regulation of individual process stages
- Option to optimise the entire process

4. BUILDING BLOCK: AUTOMATIC BALE LABELLING
Automated labelling of the finished bales after the pressing process.

- Tamper-proof bale labelling
- Automated strapping of finished bales a Barcodes and QR-codes can be read by scanner





ARE YOU INTERESTED?

If you want to find out more about our system, get in touch with us. We will be happy to create a simulation for you with your operating data, using which we will be able to show you the individual advantages for you of using the ProDIGIT operating software.

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